

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A composite system for radiation therapy, comprising:
a CT scanner for checking the position of an affected portion of a patient to be irradiated;
an irradiation apparatus for therapy, for disposing, on the basis of positional information of the affected portion checked by said CT scanner, the patient at a specific position at which the affected portion is aligned to an irradiation position, and performing irradiation to the affected portion;

an X-ray simulator;

a common bed used for said CT scanner, said irradiation apparatus and said X-ray simulator, in a state that the patient lies on said common bed, said bed including a positional adjustment means to allow the positional adjustment of a top plate of said common bed in a lateral direction, in a longitudinal direction and in a height direction;

means for moving the patient from said CT scanner to the specific position of said irradiation apparatus and further moving the patient on said common bed to a specific position of said X-ray simulator;

wherein said means for moving comprises a moving mechanism for linearly moving said CT scanner and said common bed; and

said moving mechanism comprises a linear moving mechanism for said CT scanner, and a linear moving mechanism for said common bed, said linear moving mechanisms being disposed such that the movement directions of said CT scanner and said common bed cross each other,

wherein said CT scanner is disposed in parallel to said irradiation apparatus, said irradiation apparatus is disposed in parallel to said X-ray simulator, and said common bed is linearly movable through its linear moving mechanism between said CT scanner, said irradiation apparatus and said X-ray simulator.

2-8. (Cancelled)

9. (Original) A composite system for radiation therapy according to claim 1, wherein said common bed comprises an isocentric rotation mechanism.

10-17. (Cancelled)

18. (Previously Presented) A composite system for radiation therapy according to claim 1, wherein a detectable region of said CT scanner has a diameter of a size to receive said common bed which is placed so that it is possible to adjust a position in the lateral direction in a detectable region of said CT scanner.

19. (Previously Presented) A composite system for radiation therapy according to claim 18:

wherein said positional adjustment means adjusts the lateral position of the patient on said common bed in the detectable region of said CT scanner.

20-24. (Cancelled)

25. (Previously Presented) A composite system for radiation therapy according to claim 1, wherein said common bed is able to adjust a position within said CT scanner so that the affected portion is at a center point of said CT scanner.

26. (Currently Amended) A composite system for radiation therapy according to claim 1, comprising:

a CT scanner for checking the position of an affected portion of a patient to be irradiated;
an irradiation apparatus for therapy, for disposing, on the basis of positional information
of the affected portion checked by said CT scanner, the patient at a specific position at which the
affected portion is aligned to an irradiation position, and performing irradiation to the affected
portion;

an X-ray simulator;

_____ a common bed used for said CT scanner, said irradiation apparatus and said X-ray simulator, in a state that the patient lies on said common bed, said bed including a positional adjustment means to allow the positional adjustment of a top plate of said common bed in a lateral direction, in a longitudinal direction and in a height direction;

_____ means for moving the patient from said CT scanner to the specific position of said irradiation apparatus and further moving the patient on said common bed to a specific position of said X-ray simulator;

_____ wherein said means for moving comprises a moving mechanism for linearly moving said CT scanner and said common bed; and

_____ said moving mechanism comprises a linear moving mechanism for said CT scanner, and a linear moving mechanism for said common bed, said linear moving mechanisms being disposed such that the movement directions of said CT scanner and said common bed cross each other,

_____ wherein said CT scanner is disposed in parallel to said irradiation apparatus, said irradiation apparatus is disposed in parallel to said X-ray simulator, and said common bed is movable between said CT scanner, said irradiation apparatus and said X-ray simulator,

_____ wherein said linear moving mechanism for said common bed comprises a slide mechanism, including rails for said common bed so as to make said common bed movable between said CT scanner, said irradiation apparatus and said X-ray simulator and a moving base slidably mounted on said rails, said common bed being mounted on said moving base so as to be slidably mounted to said rails.

27. (Currently Amended) A composite system for radiation therapy according to claim 26, wherein said common bed comprises an isocentric rotation mechanism mounted on said moving base.